

**SERVICE BULLETIN 143, MANDATORY**

**SUBJECT:** Glasair III nose gear drag link studs—possible weld failure

**APPLICABILITY:** All Glasair III aircraft

**COMPLIANCE TIME:** Immediately after receipt of this bulletin and prior to flight; every 100 hours thereafter.

**DESCRIPTION:** There have been three failures of the weld securing the nose gear drag link stud to the Glasair III nose gear oleo cylinder. If this weld fails, the drag link will become disconnected from the nose gear strut, possibly leading to collapse of the strut. Fortunately, because of the redundancy provided by the dual drag links and mounting studs, no damage has yet resulted from such weld failure.

**REQUIRED ACTION:** Weight down the tail of the aircraft to raise the nose wheel off the ground, and support the airplane securely.

Disconnect the drag links from the nose gear strut on both sides.

Use a pair of padded or soft-jaw pliers to grasp the drag link stud on the side of the nose strut. Wiggle the stud forcefully while feeling for any play and listening for any noise that might indicate a cracked or loose weld. Repeat the inspection for the other stud. If looseness is detected in either stud, contact our Builder Support Department for repair instructions. If no looseness is detected, reassemble the drag links and repeat the inspection every 100 flight hours.



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